

FIG. 1

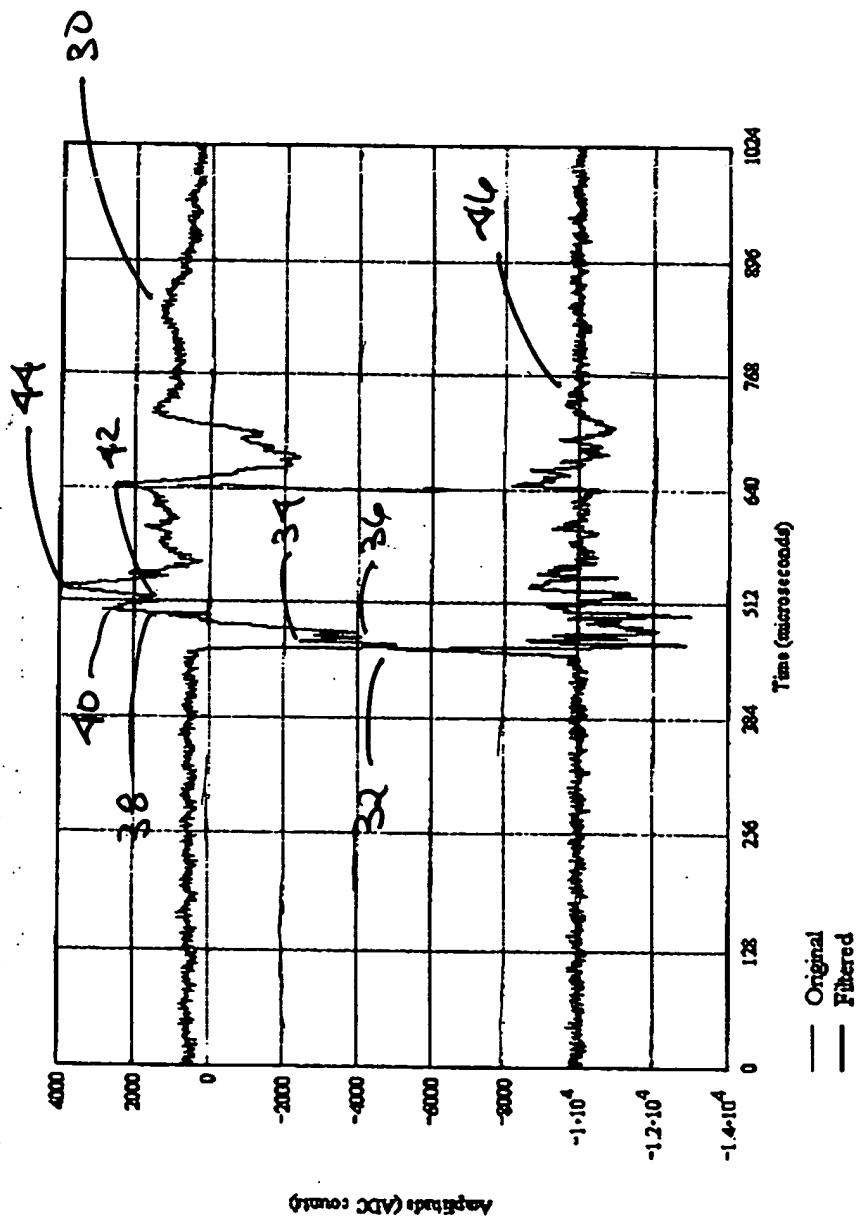


Fig. 2

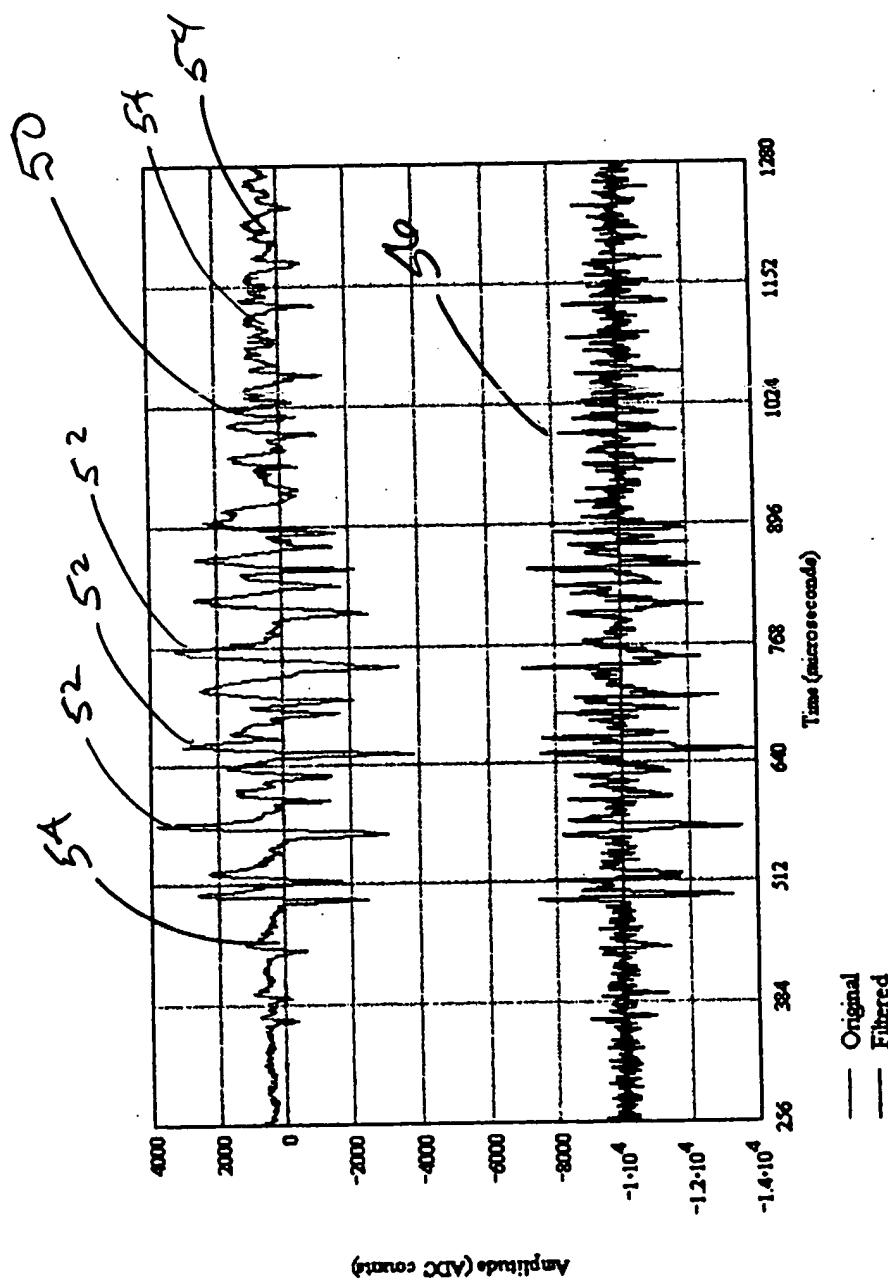


FIG. 3

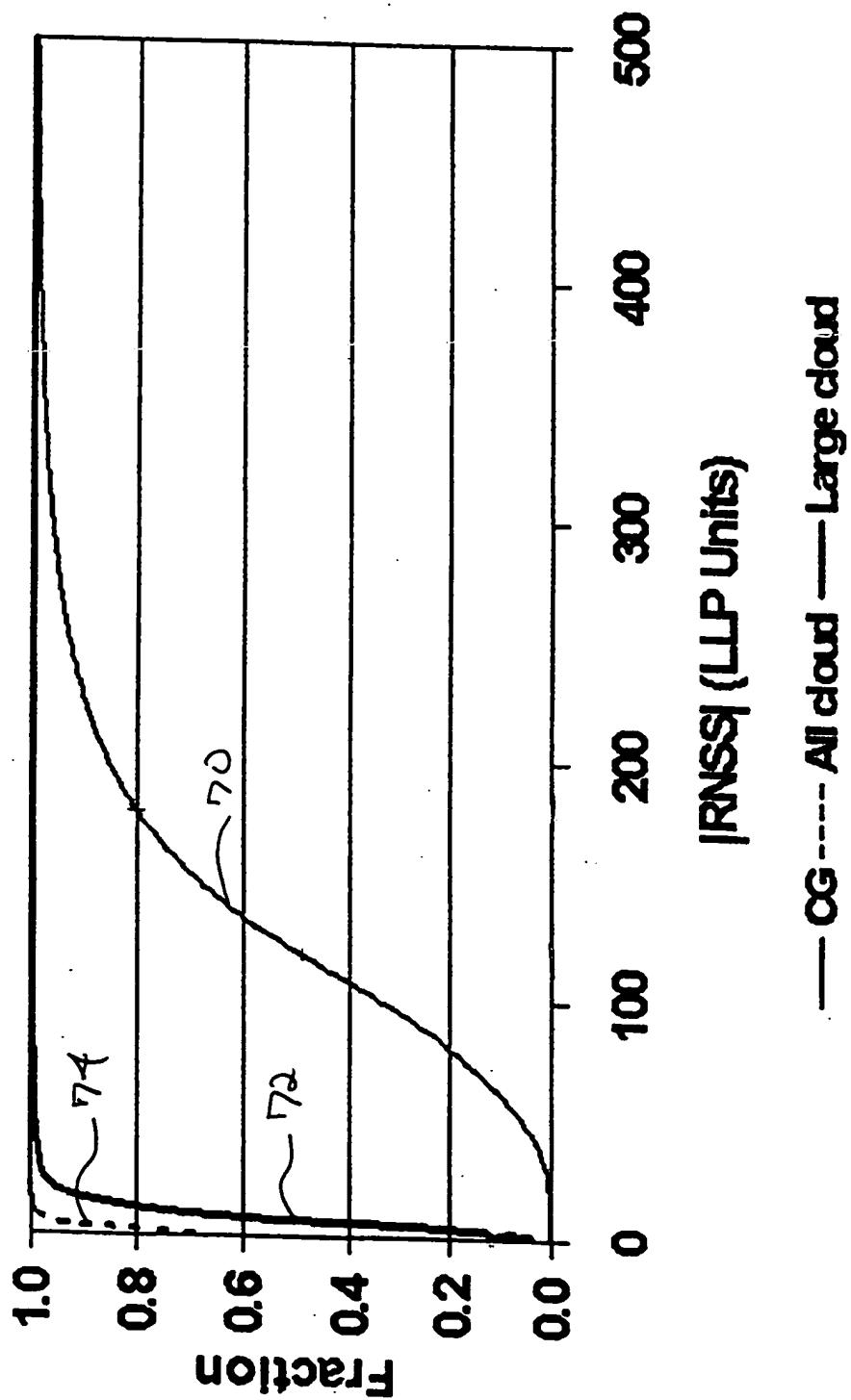


FIGURE 4

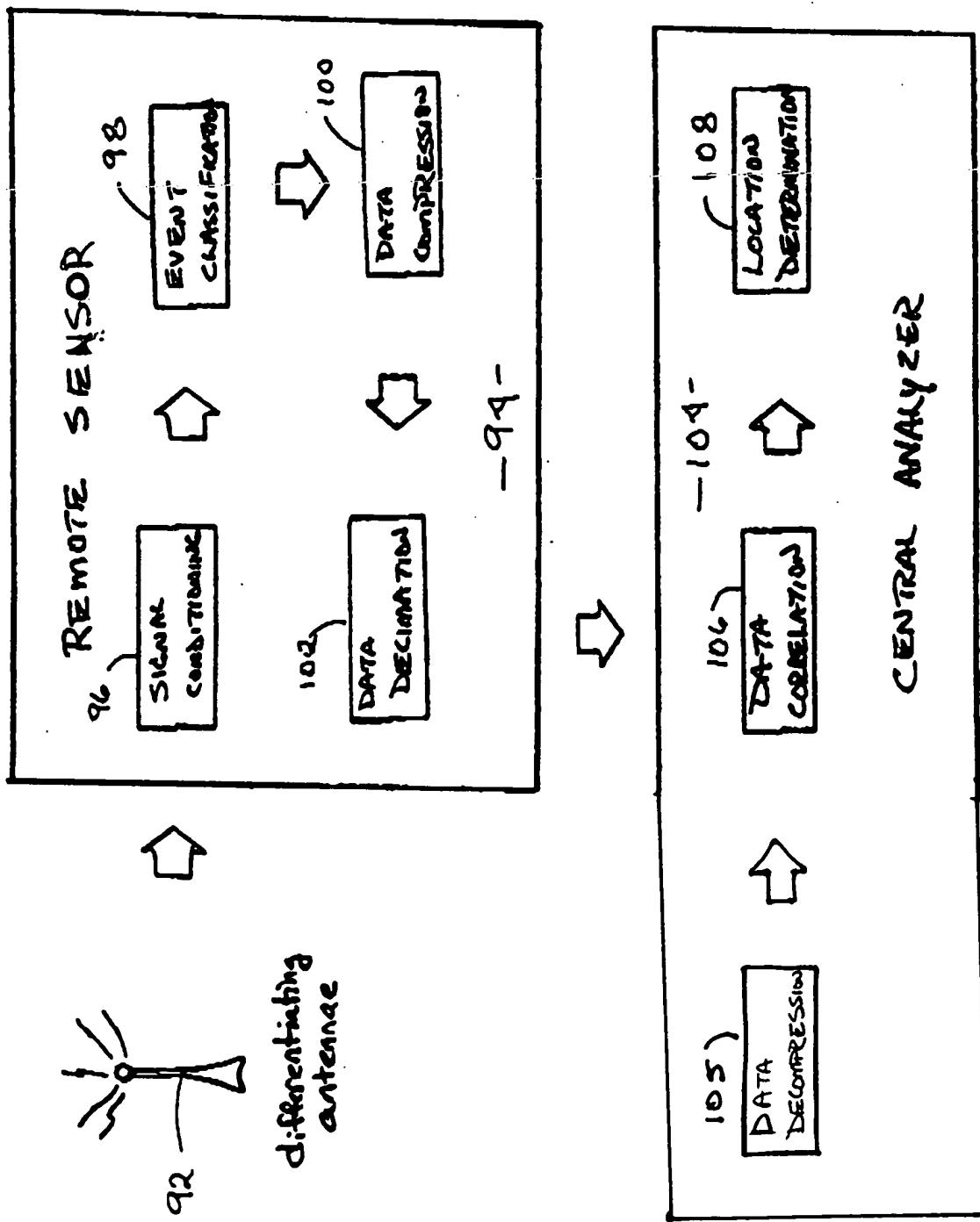


FIG. 5

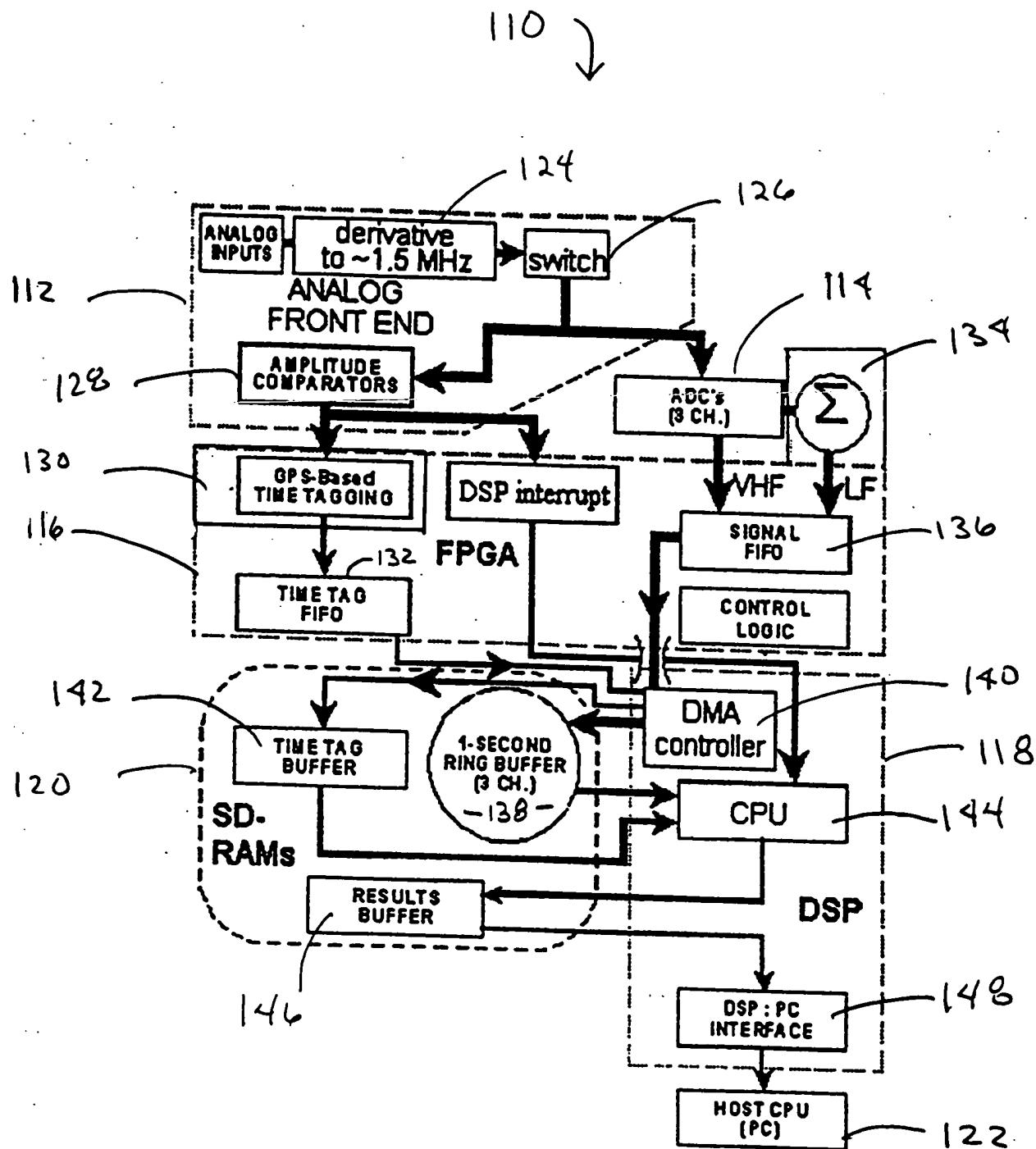


FIG. 6

Major components of filtering & amplification

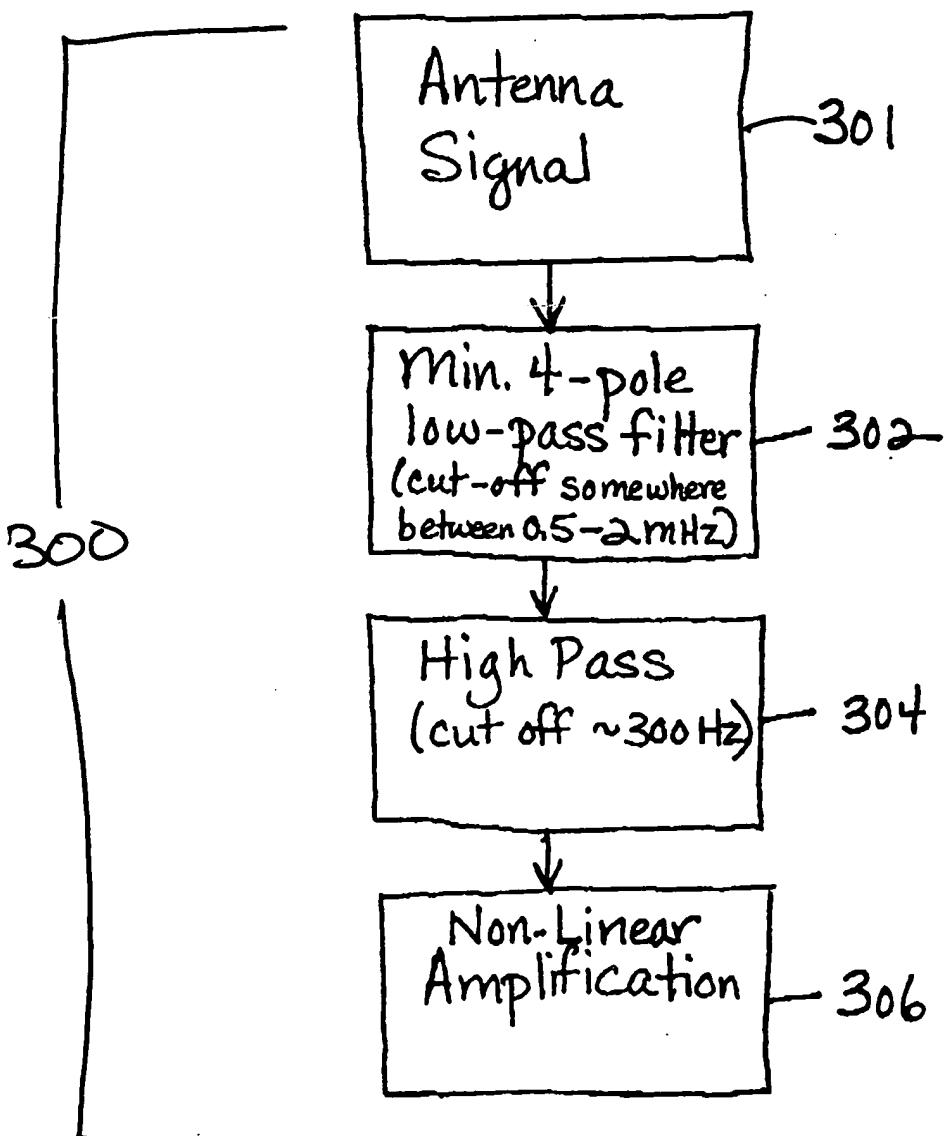


FIG. 7

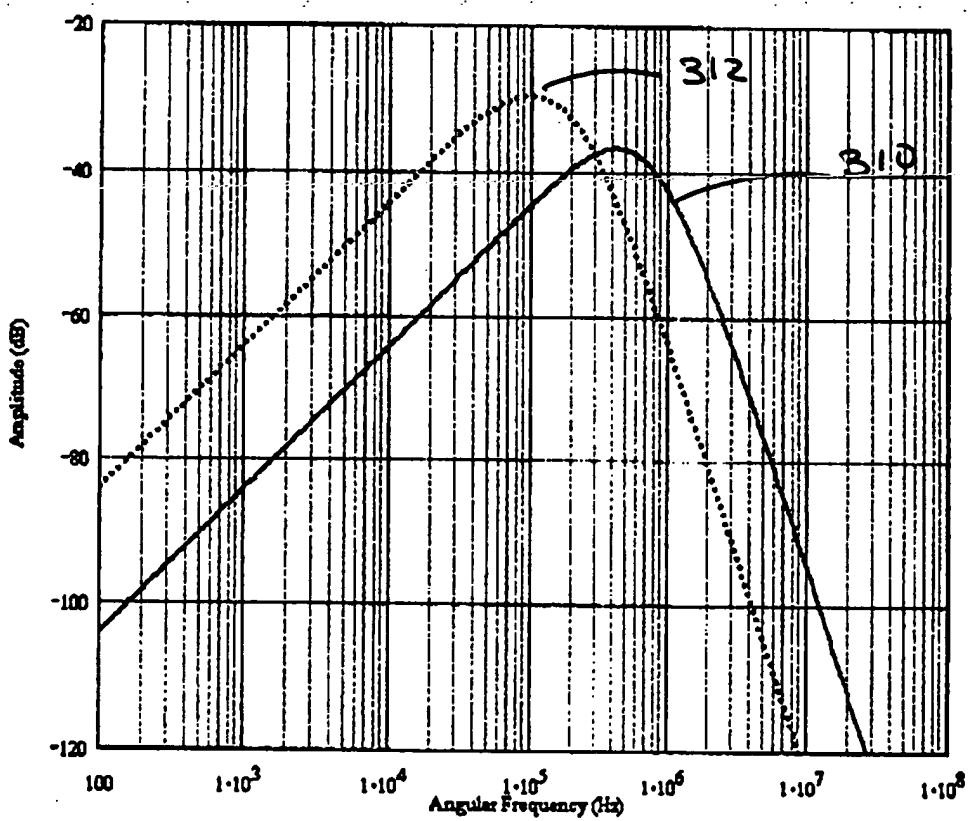


FIG. 8

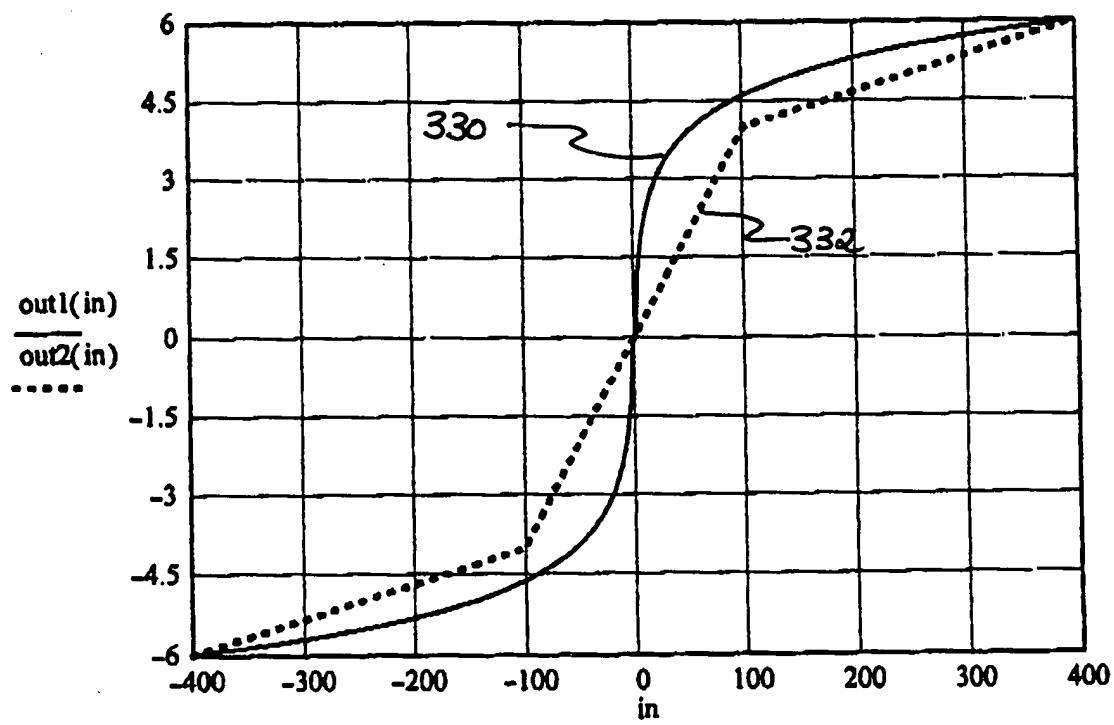


FIG. 9

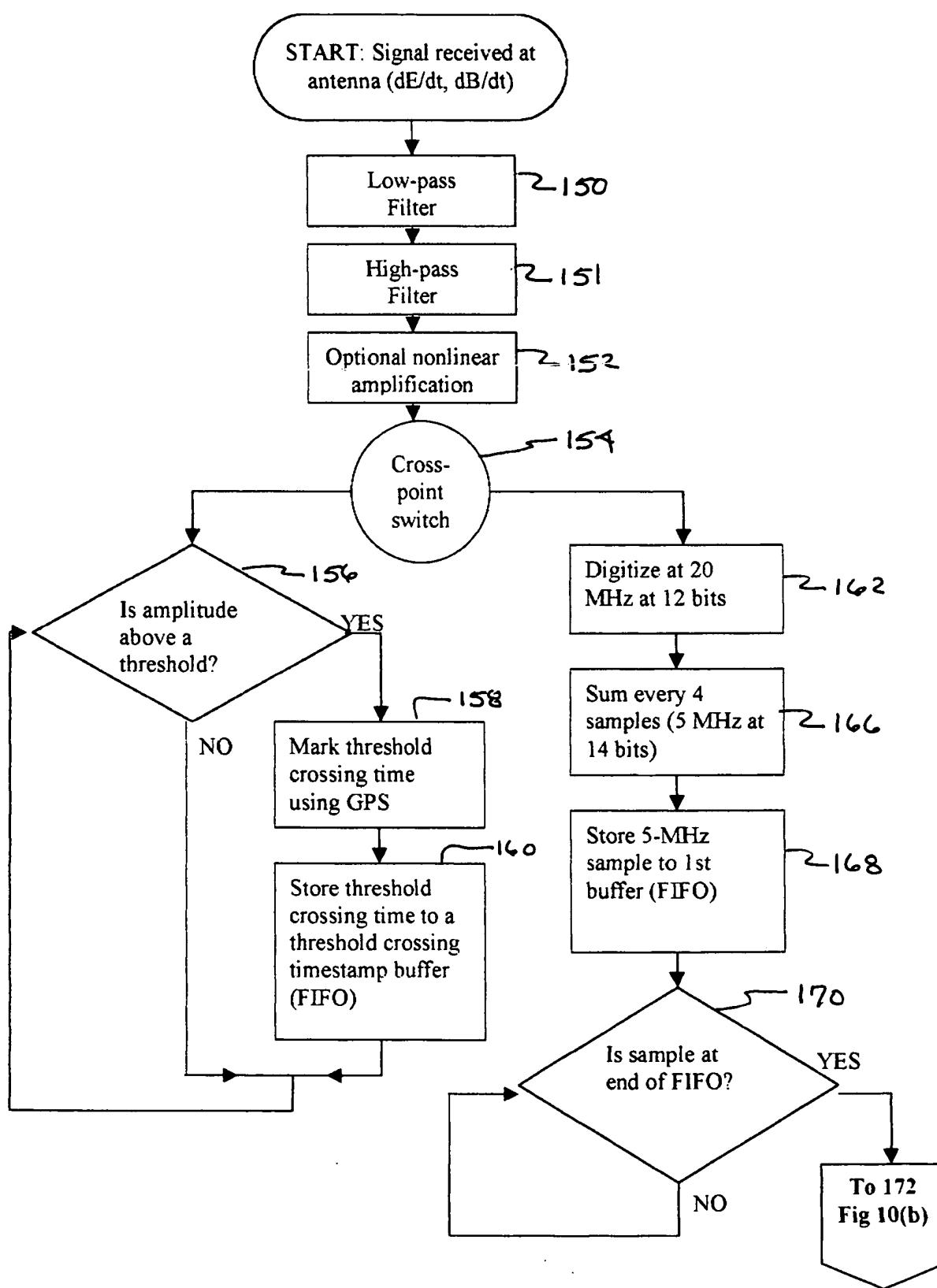


Fig. 10(a)

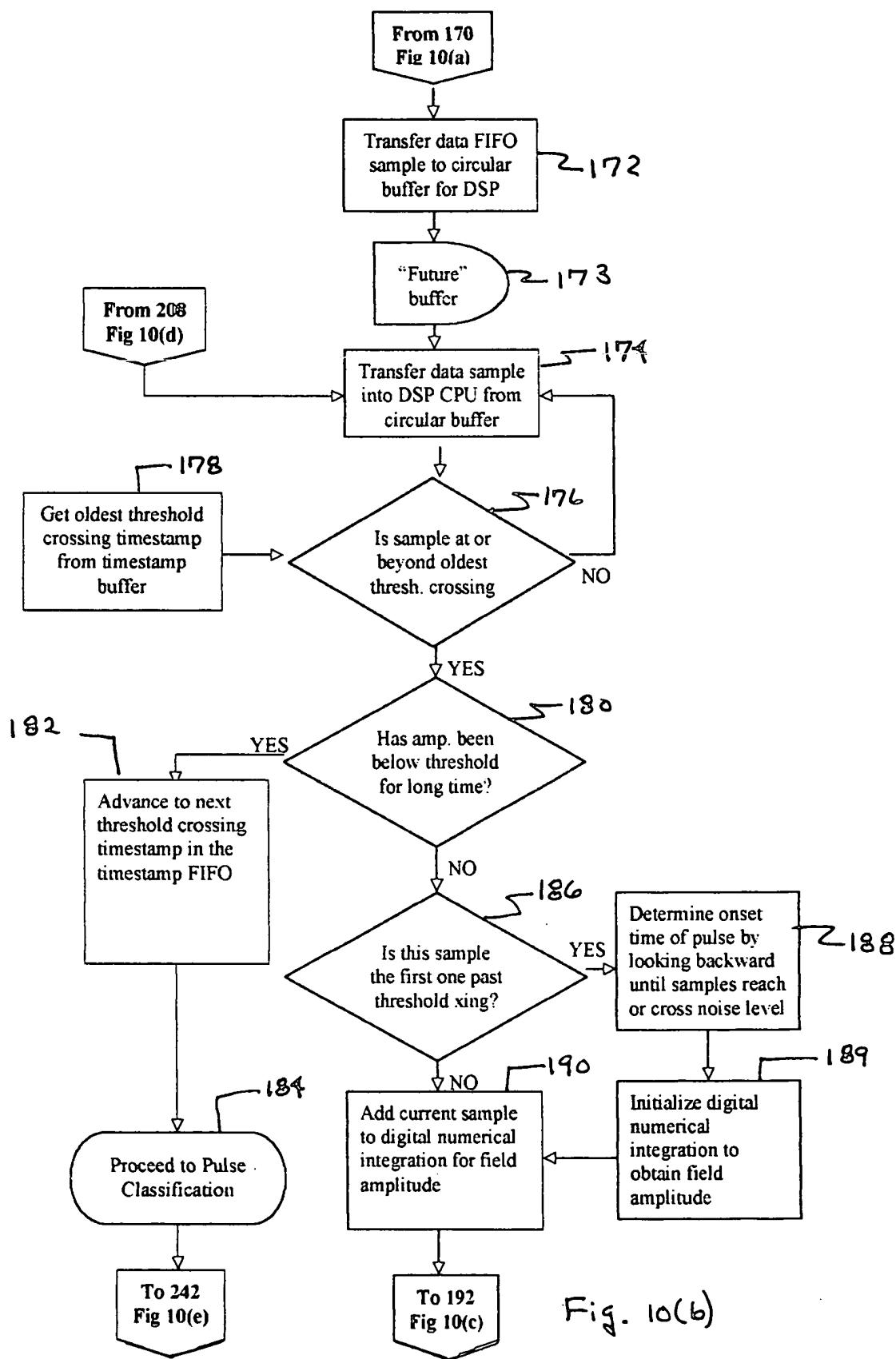


Fig. 10(b)

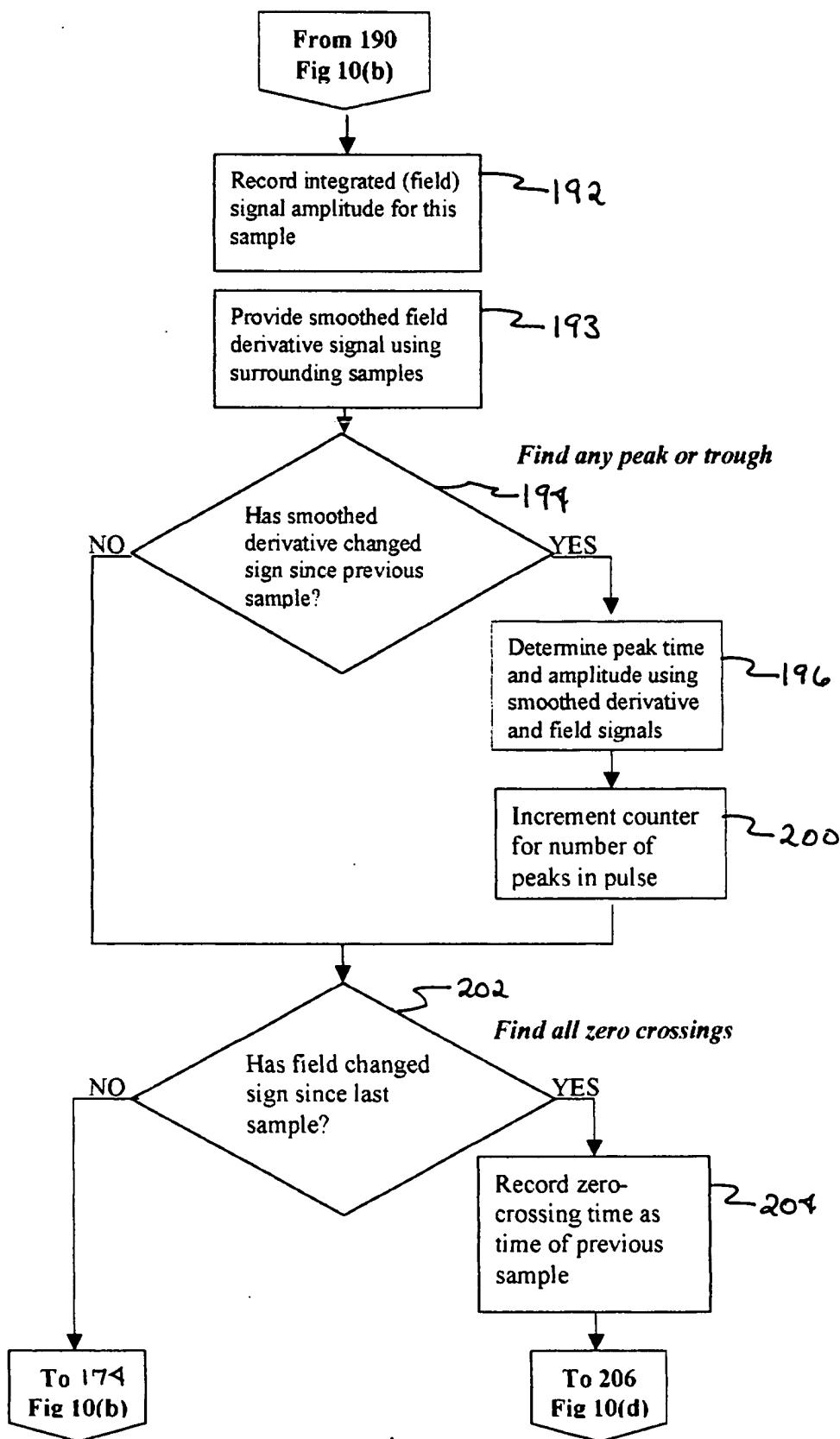


Fig. 10(c)

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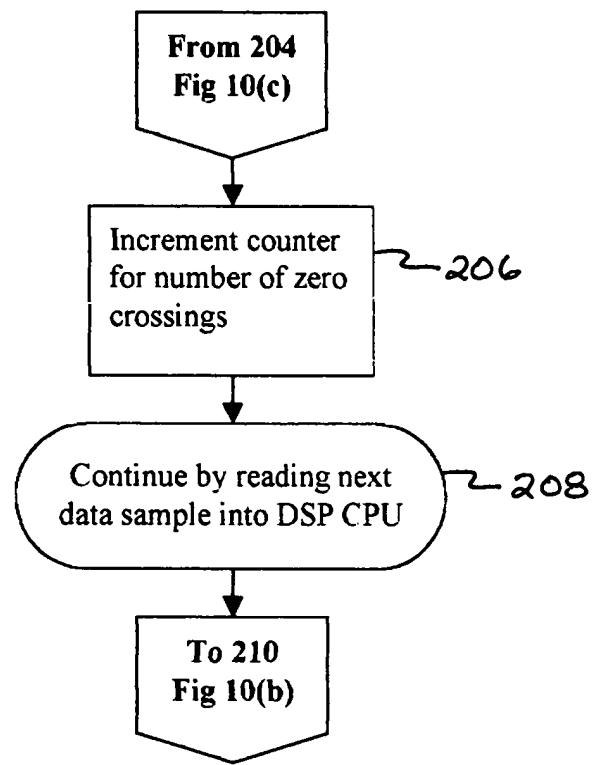
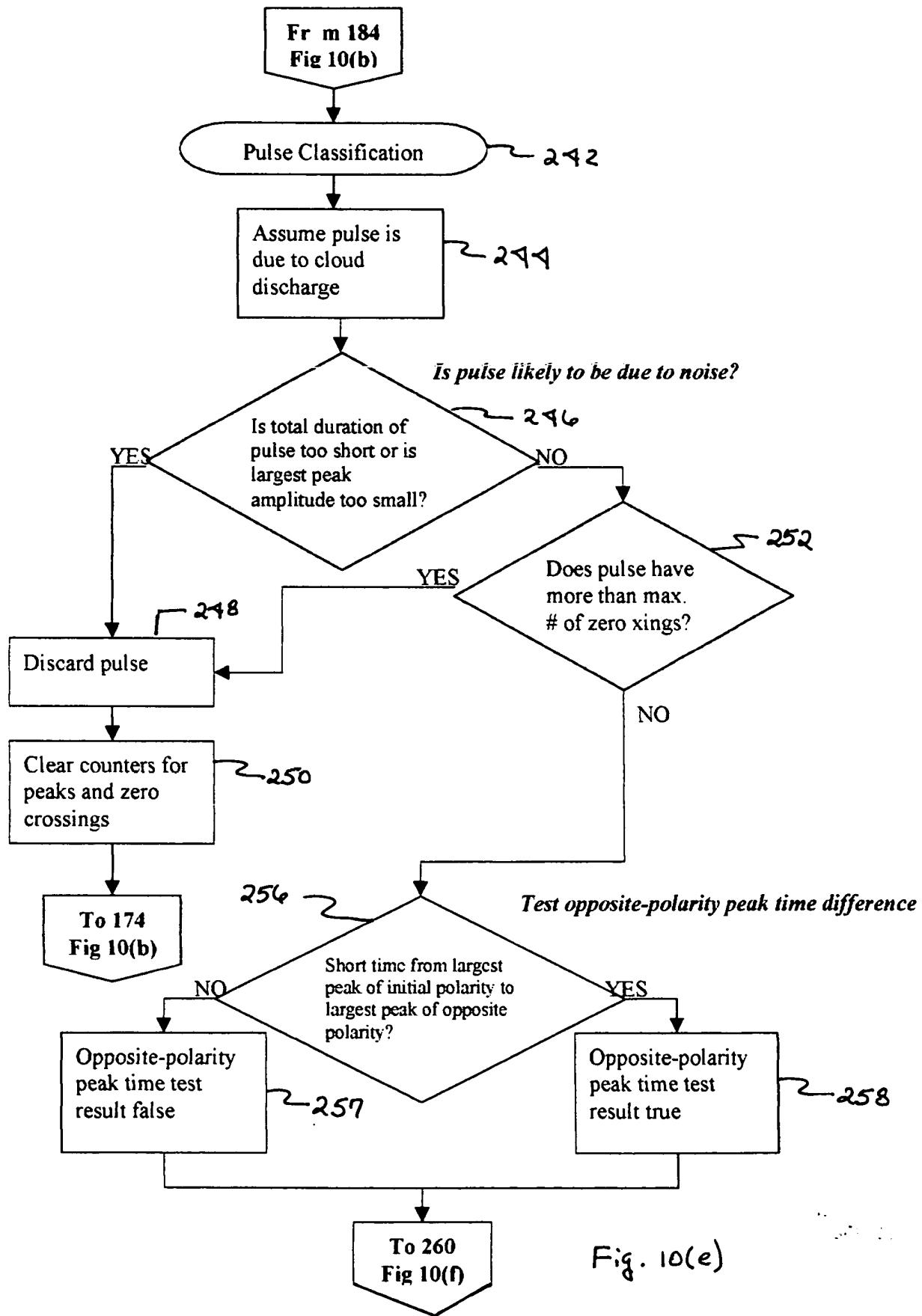


Fig. 10(d)



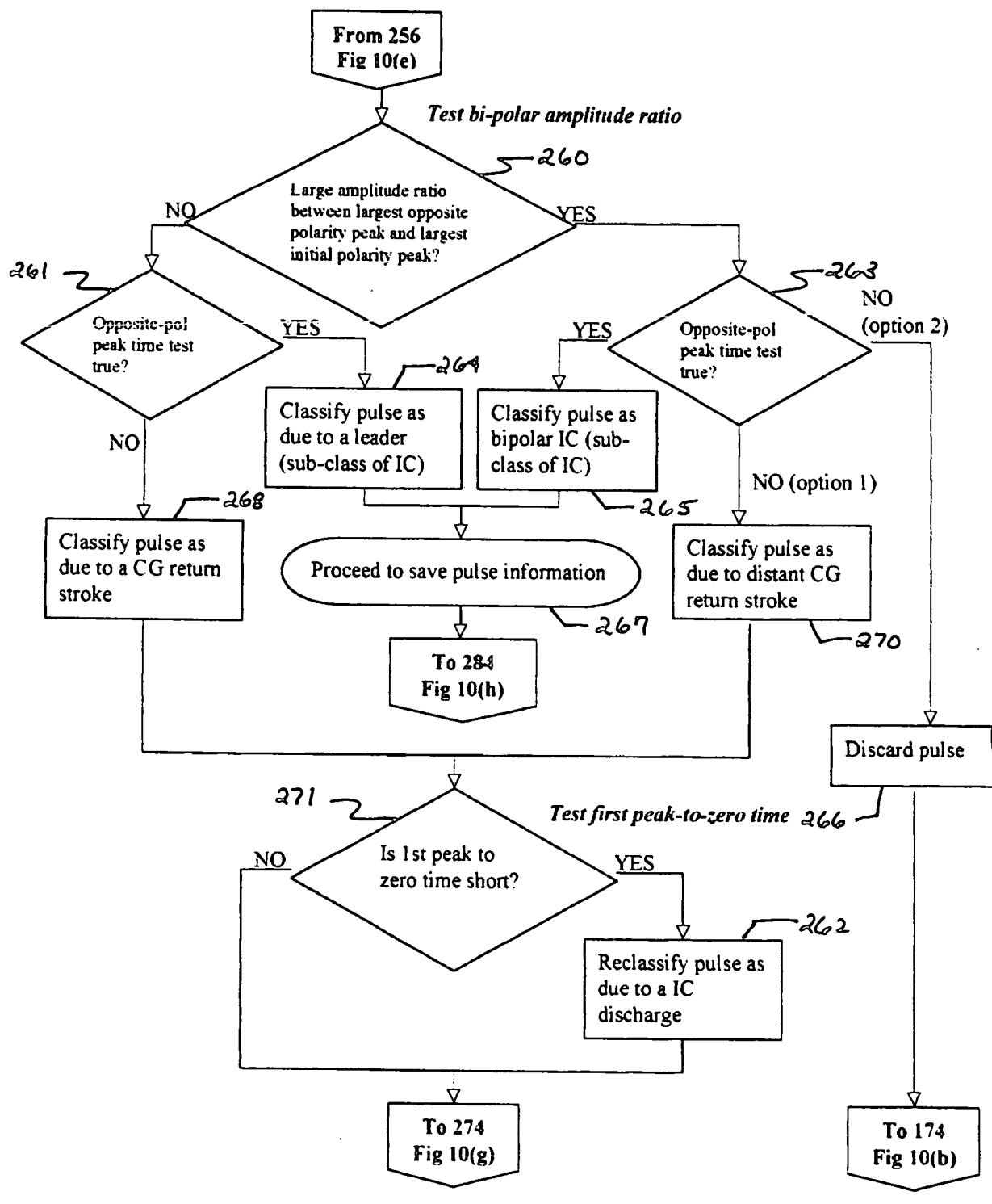


Fig. 10(f)

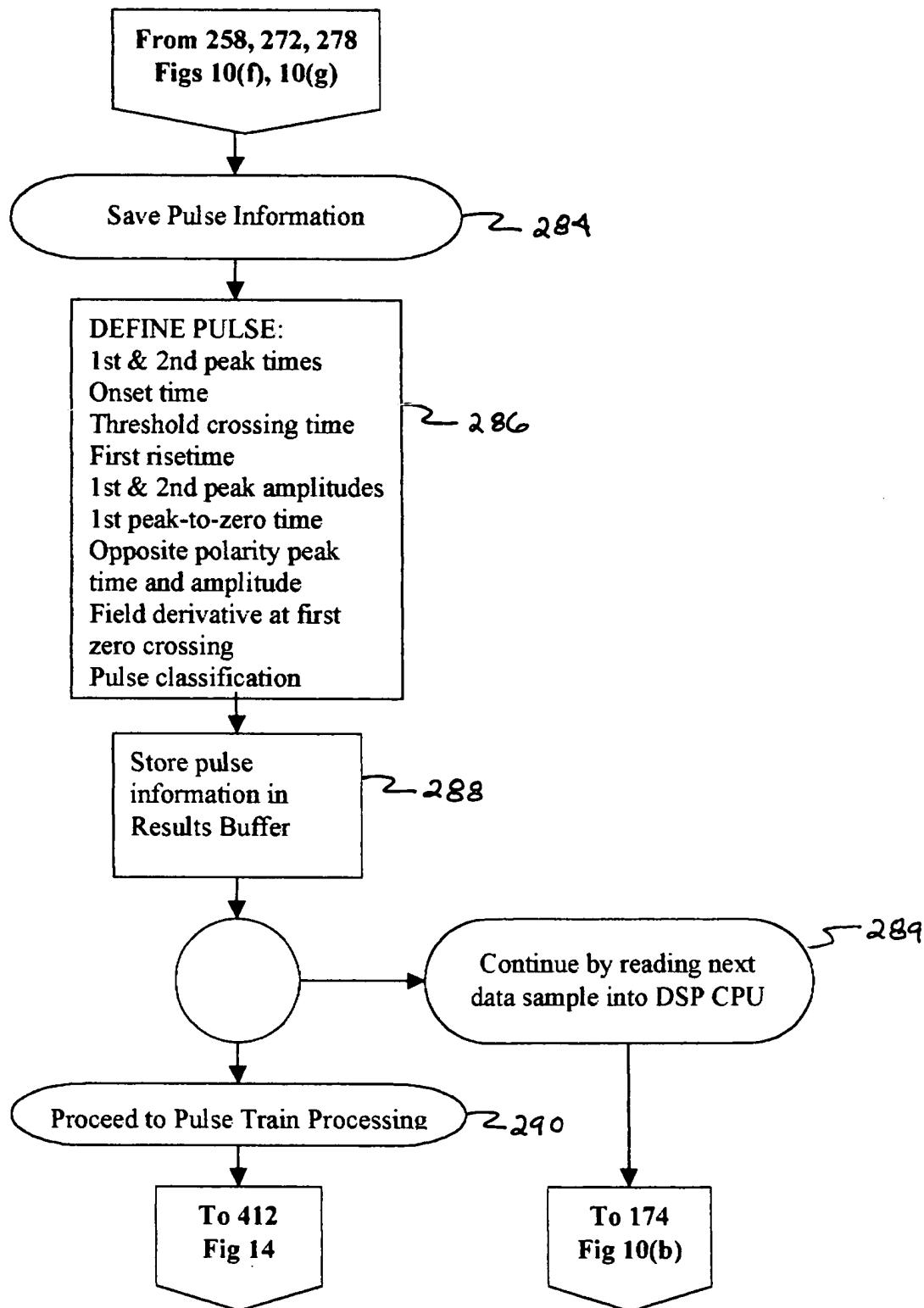


Fig. 10(h)

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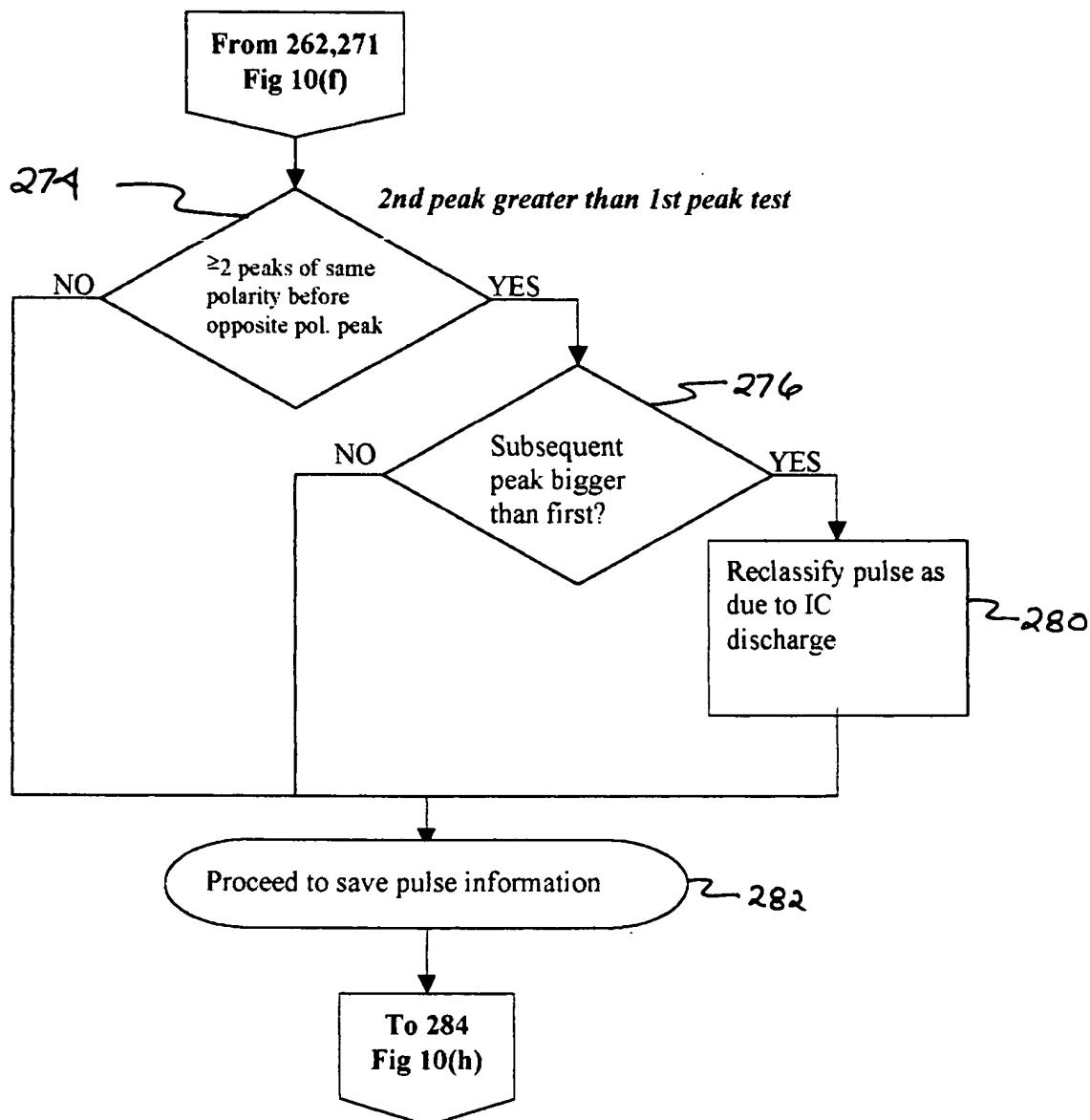


Fig. 10(g)

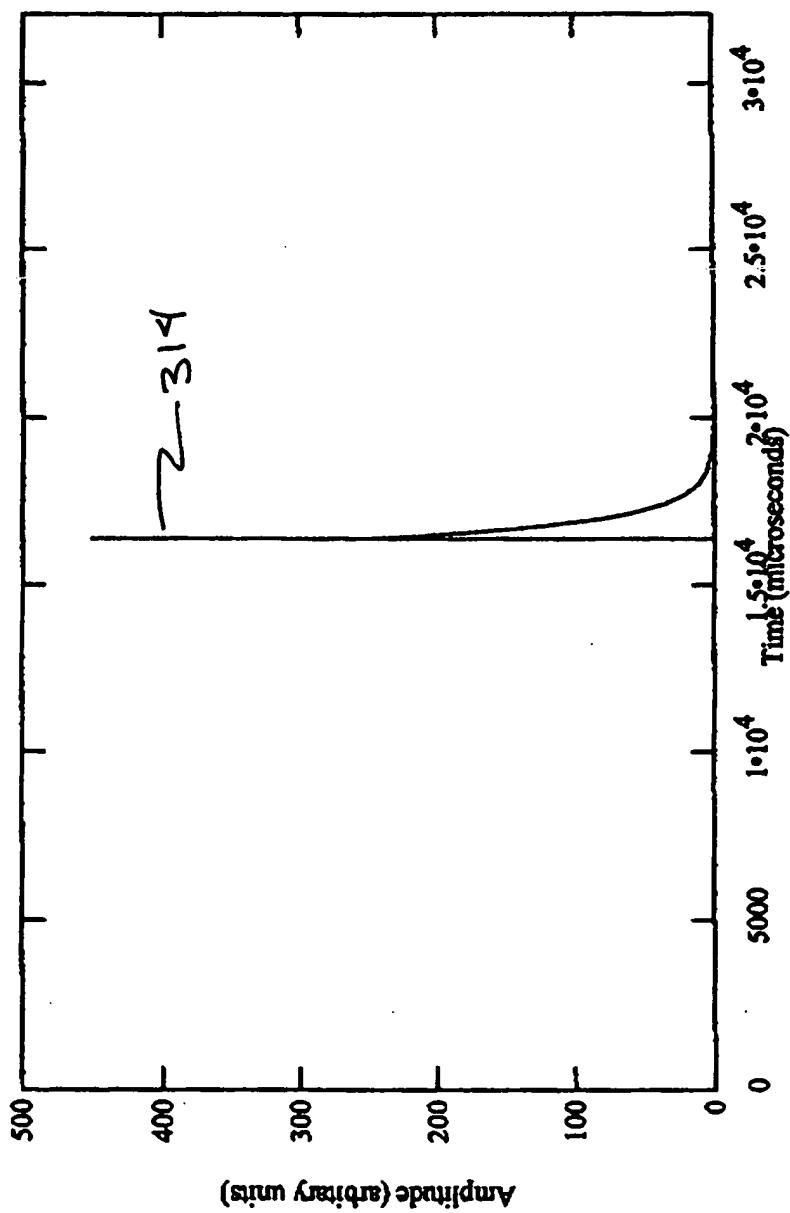


FIG. 11

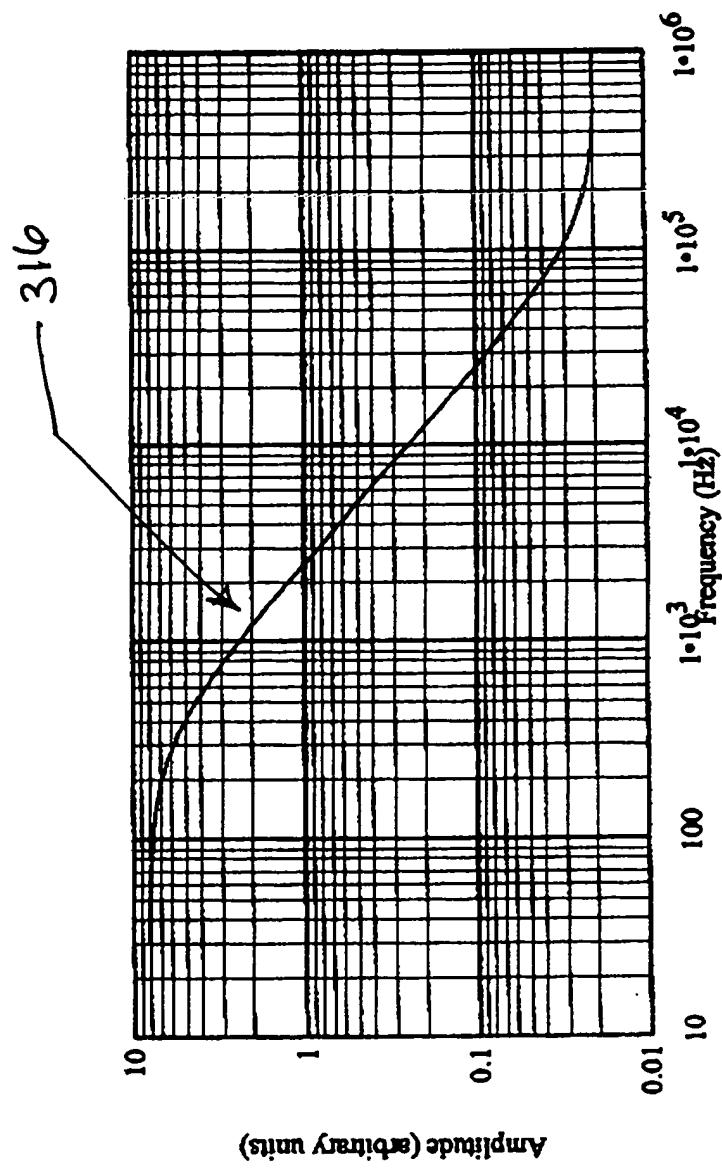


FIG. 12

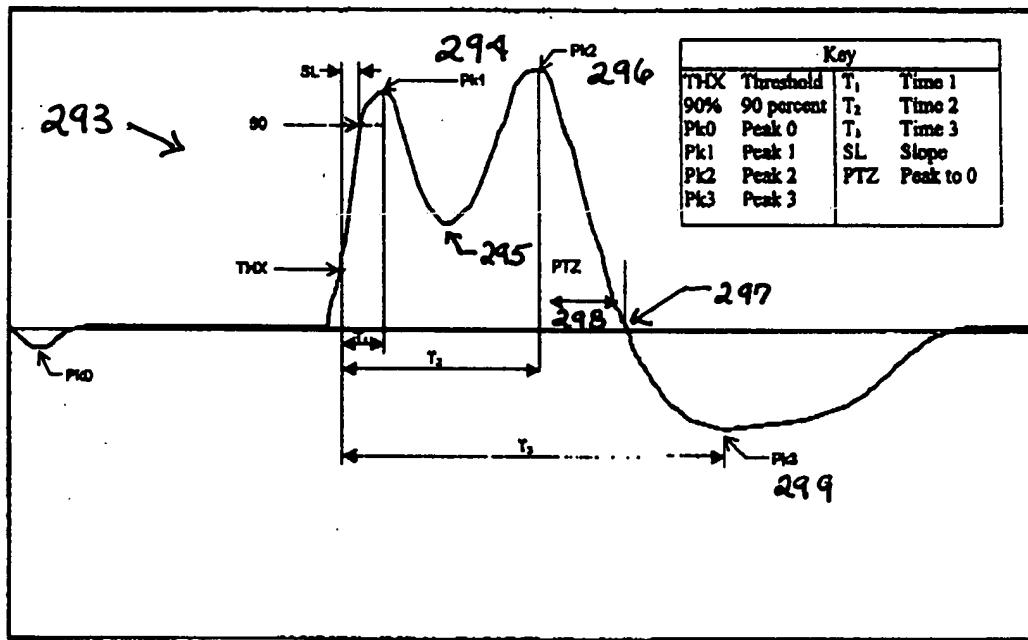


FIG. 13

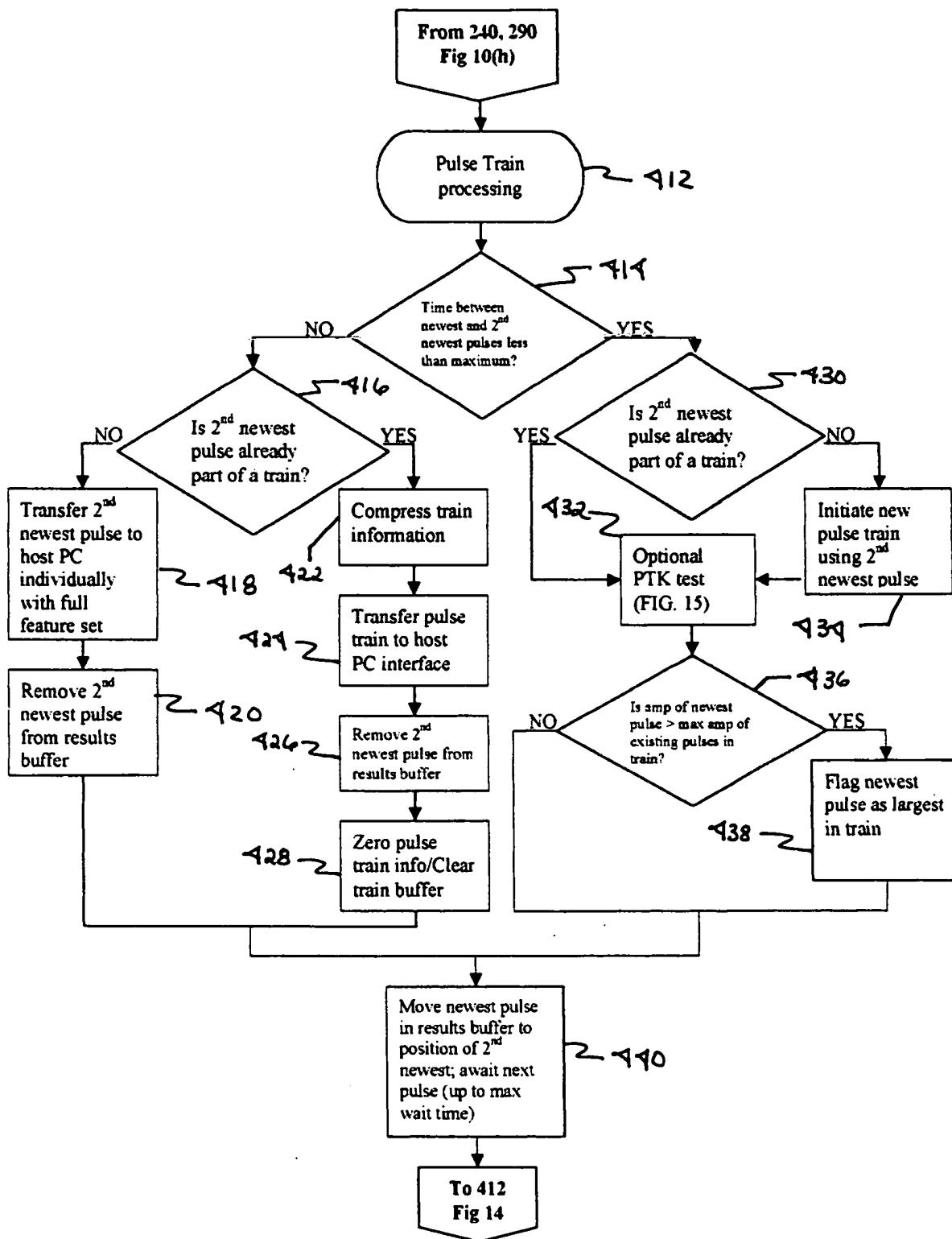


Fig. 14

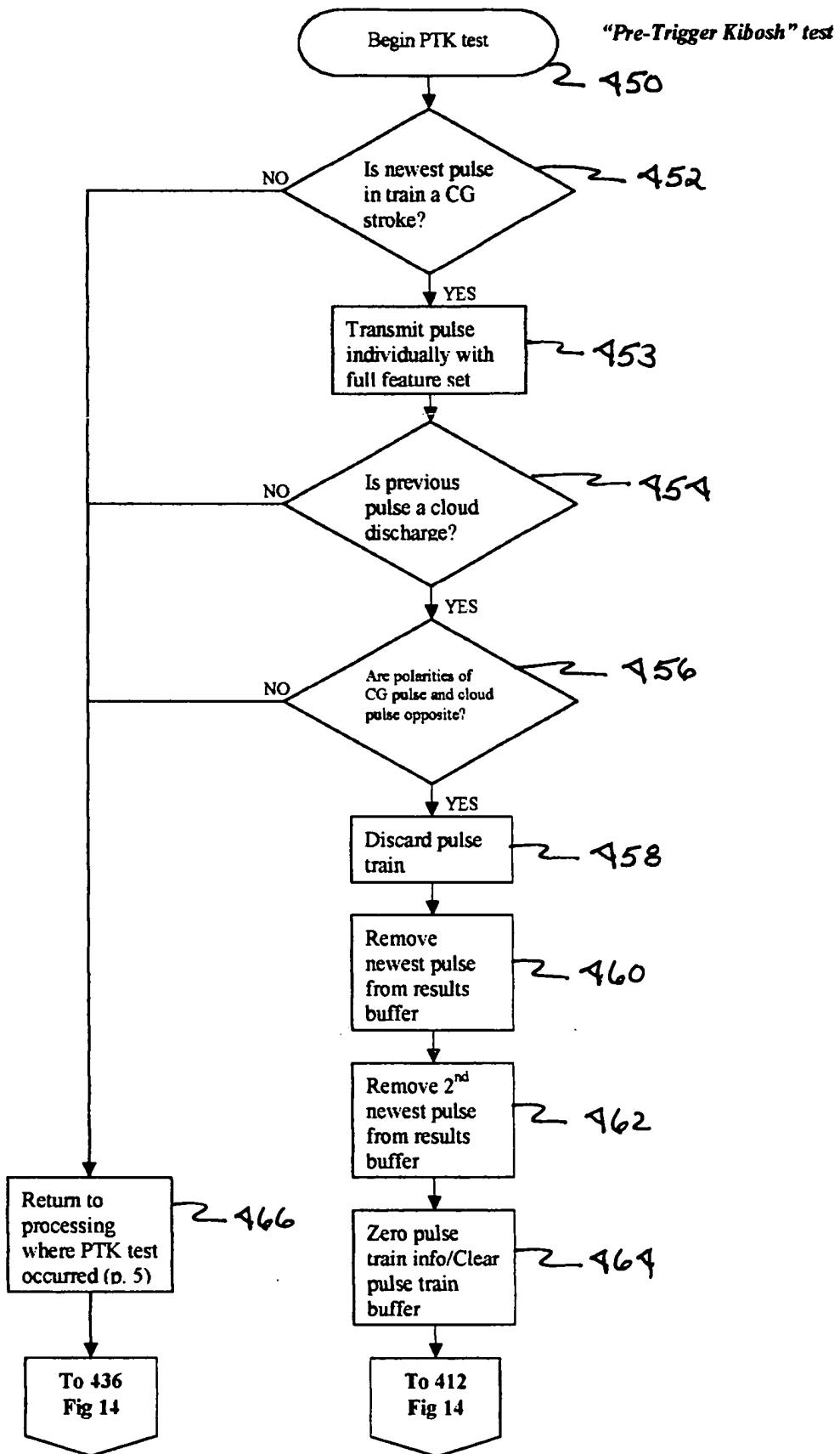


Fig. 15

Pulse	Time (frac. of sec.)	Time (microsec)	Amplitude (count)
471-1	0.000500	500	4400
471-2	0.000630	630	5100
471-3	0.000800	800	2900
471-4	0.000840	840	5000
471-5	0.000990	990	2900
471-6	0.001060	1060	2500

FIG. 16

<u>Complete representations - Decimal</u>		<u>Hexadecimal</u>
Pulse 1	Time (to second):	997056.000 3B6DDE00
	Fraction of second:	10000 480 → 2710
A71 →	Amplitude:	4400 482 → 1130
	Angle:	359.99° 484 → FFFF
	Classification:	Cloud 486 → 1
		488 →

FIG. 17

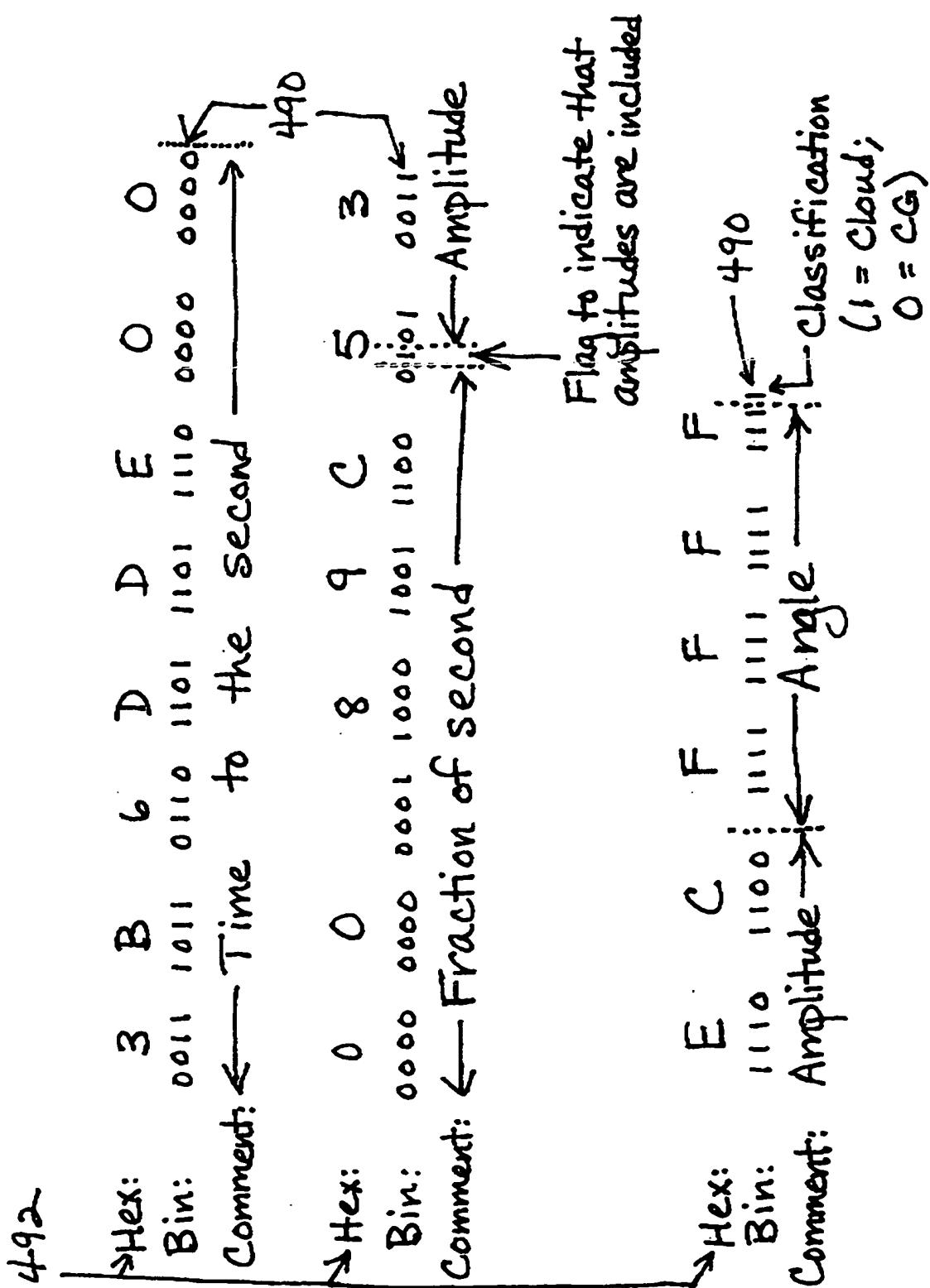


FIG. 18

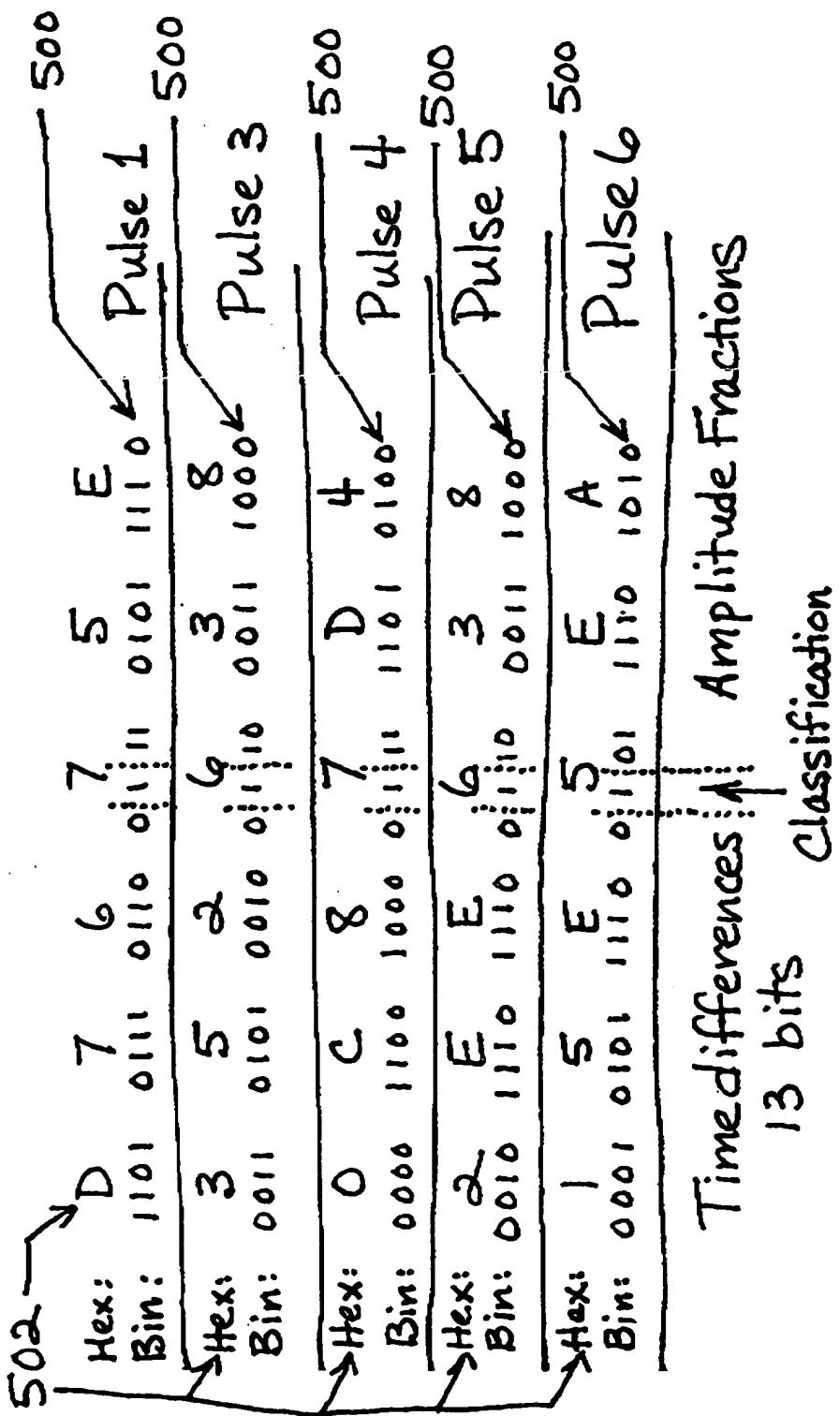


FIG. 19

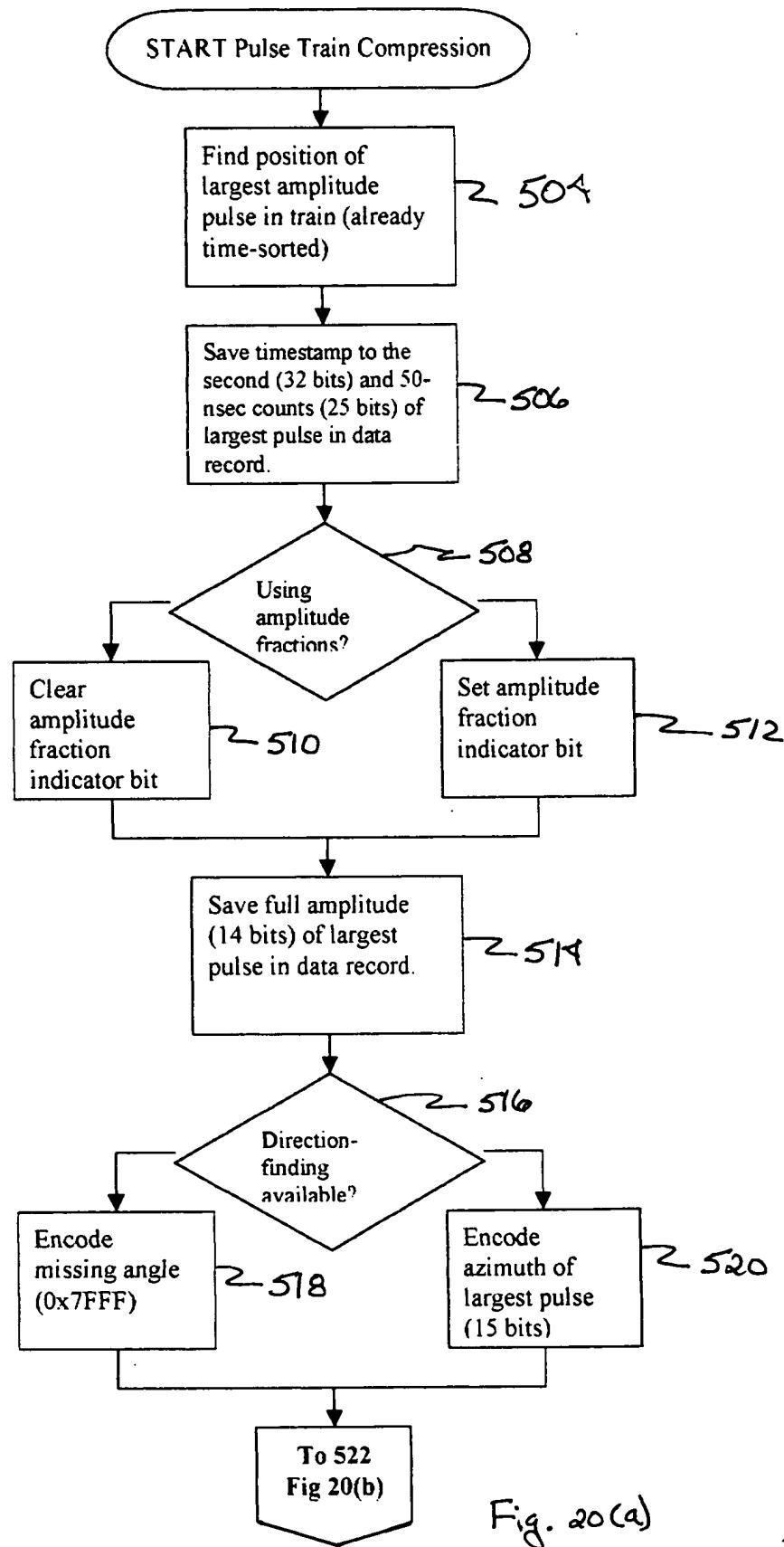
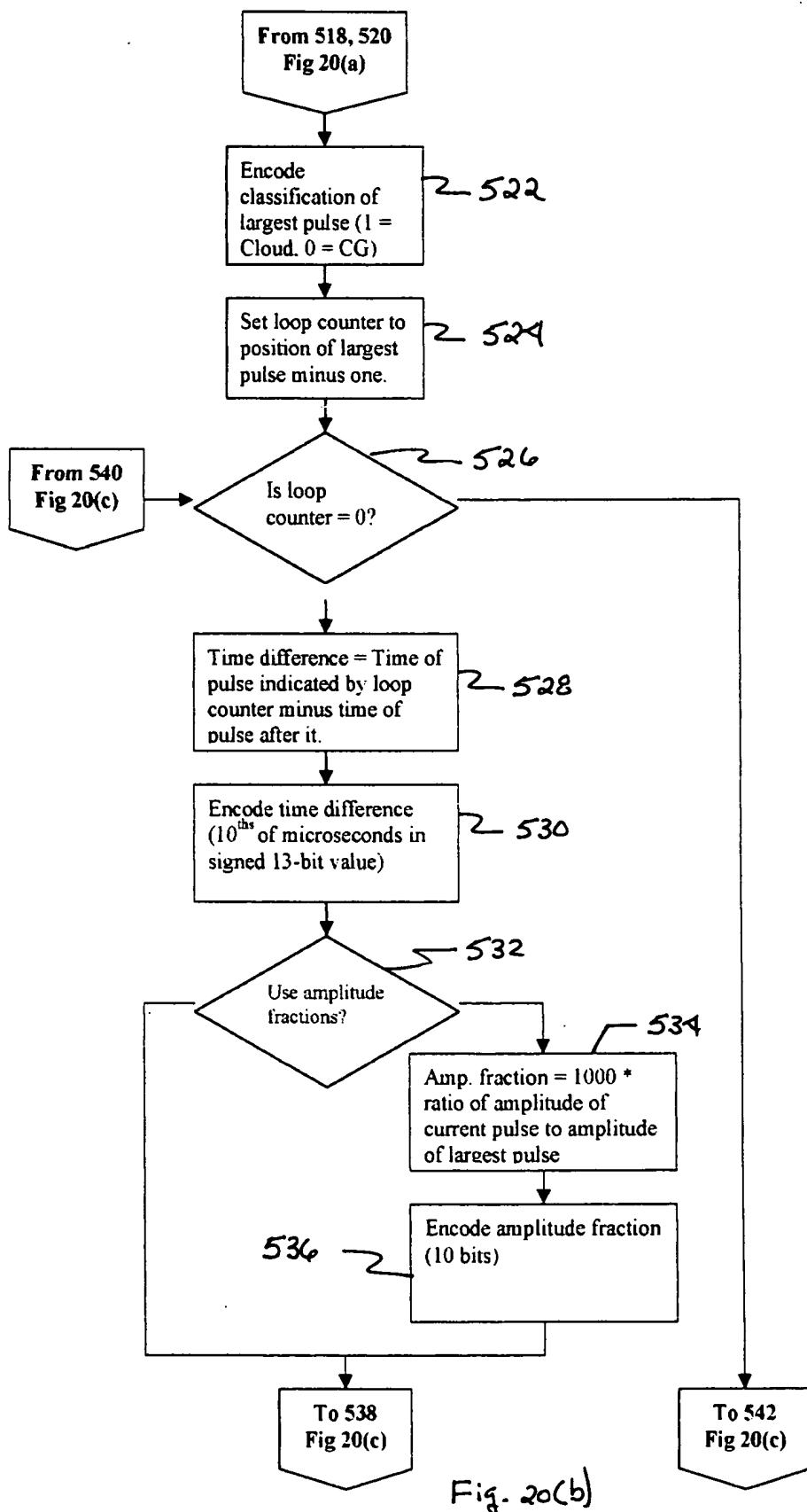


Fig. 20(a)



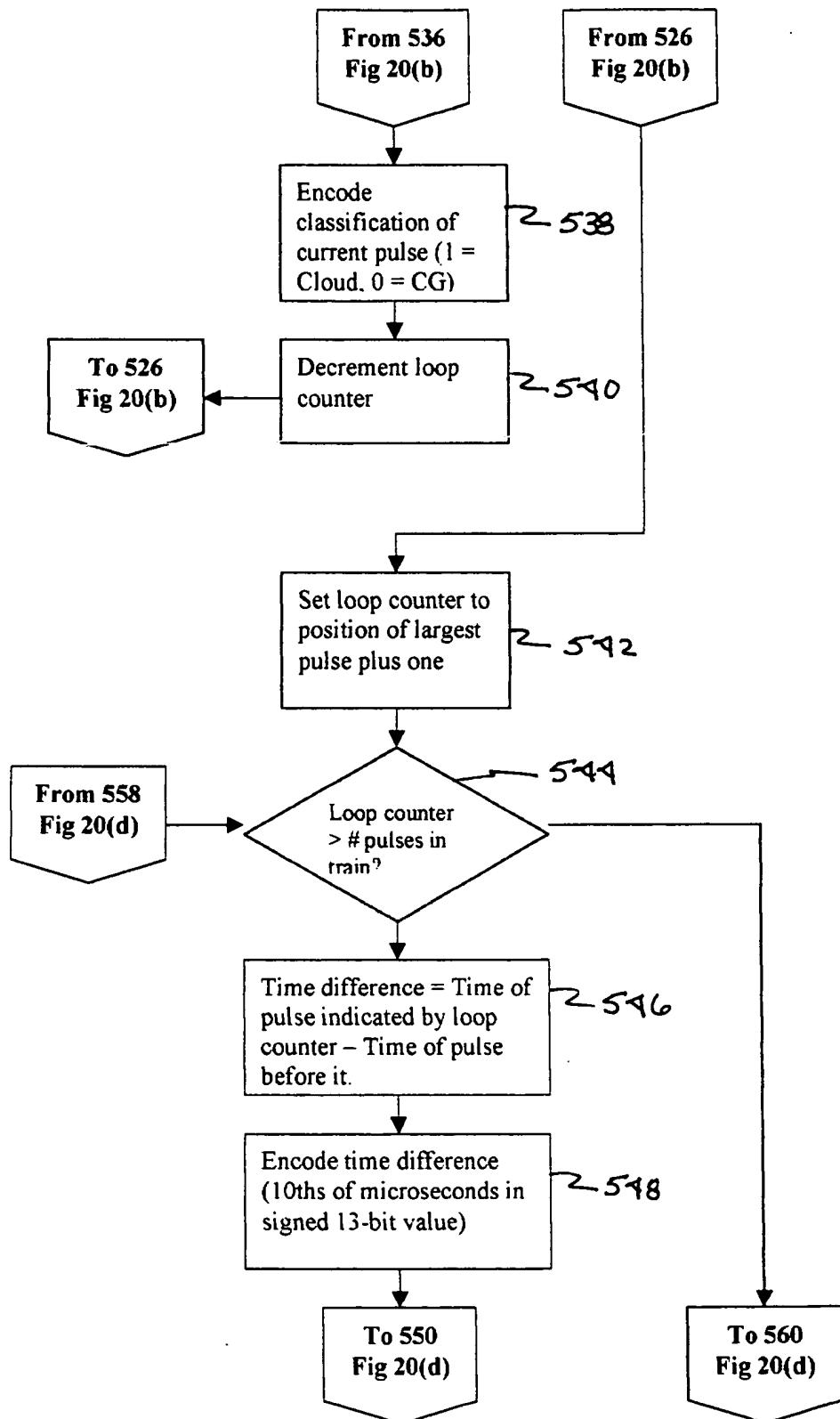


Fig. 20(c)

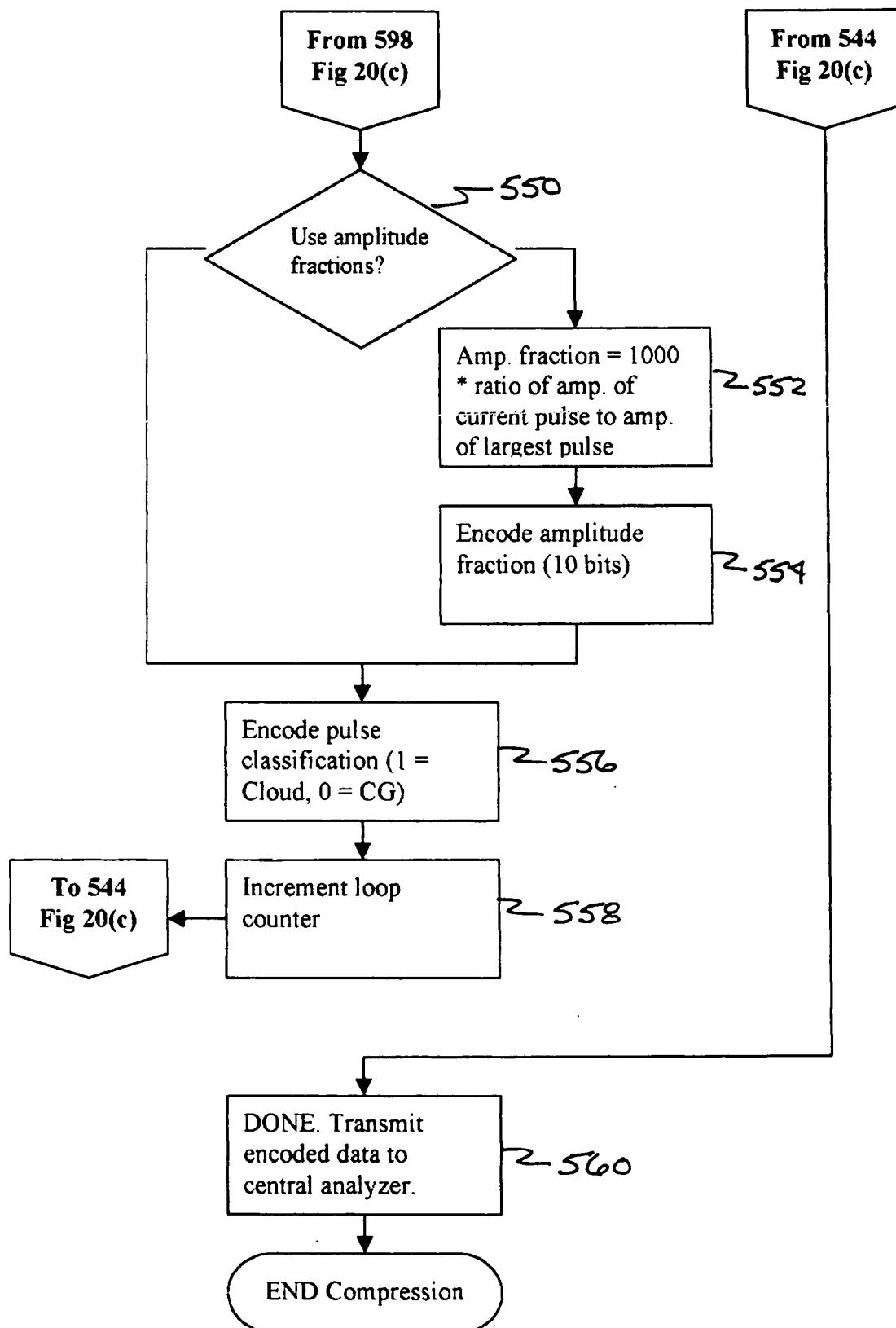


Fig. 20(d)

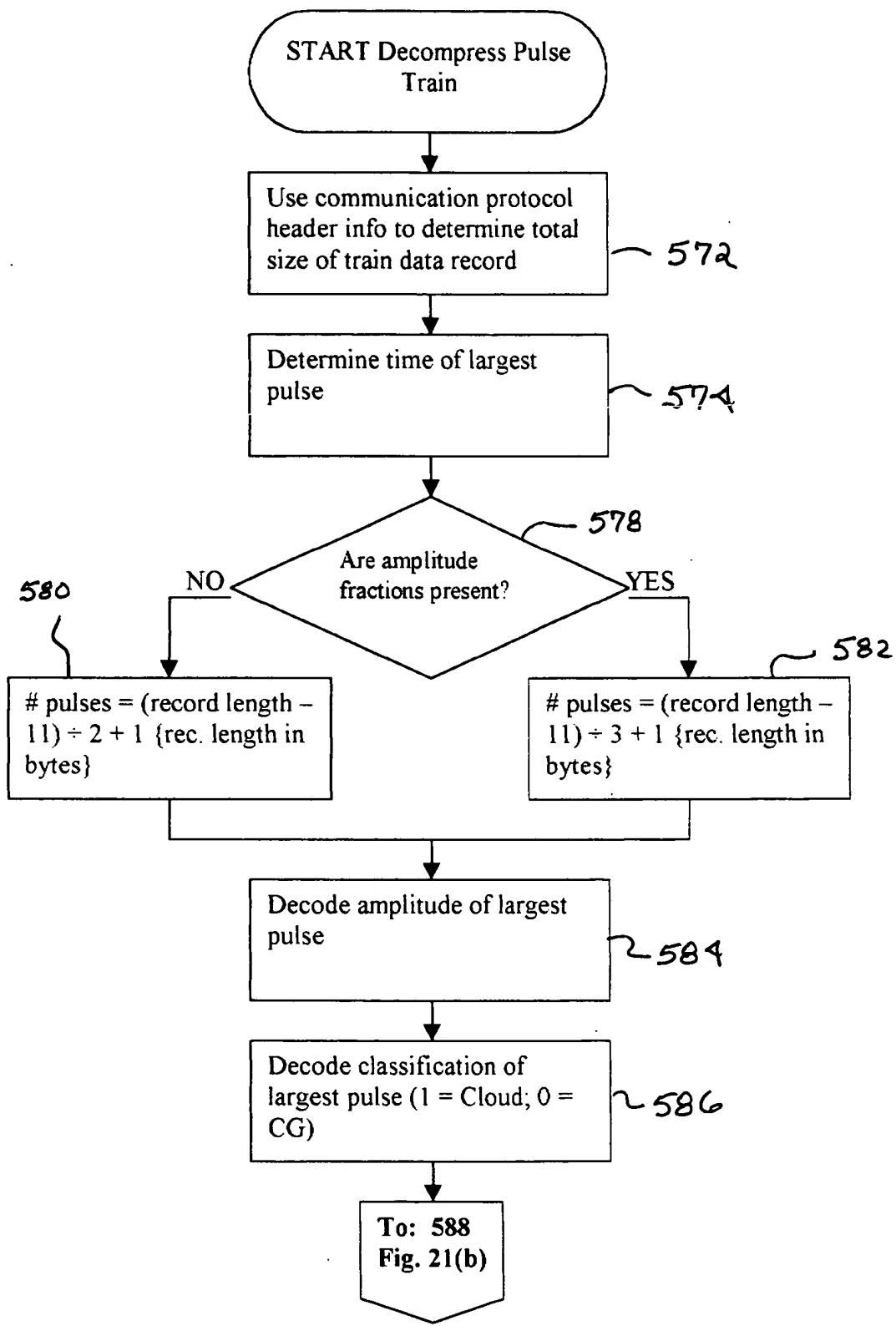


Fig. 21(a)

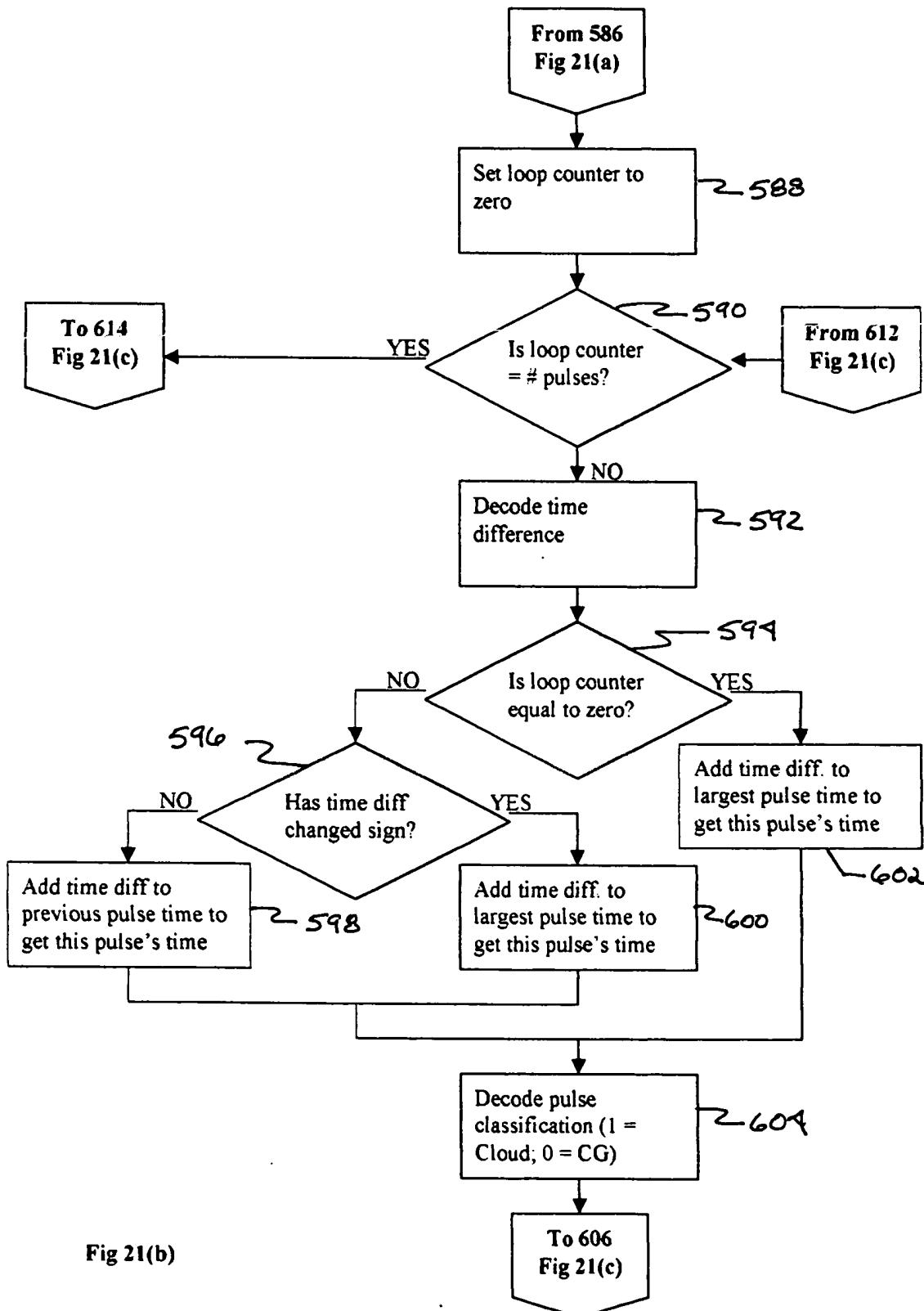


Fig 21(b)

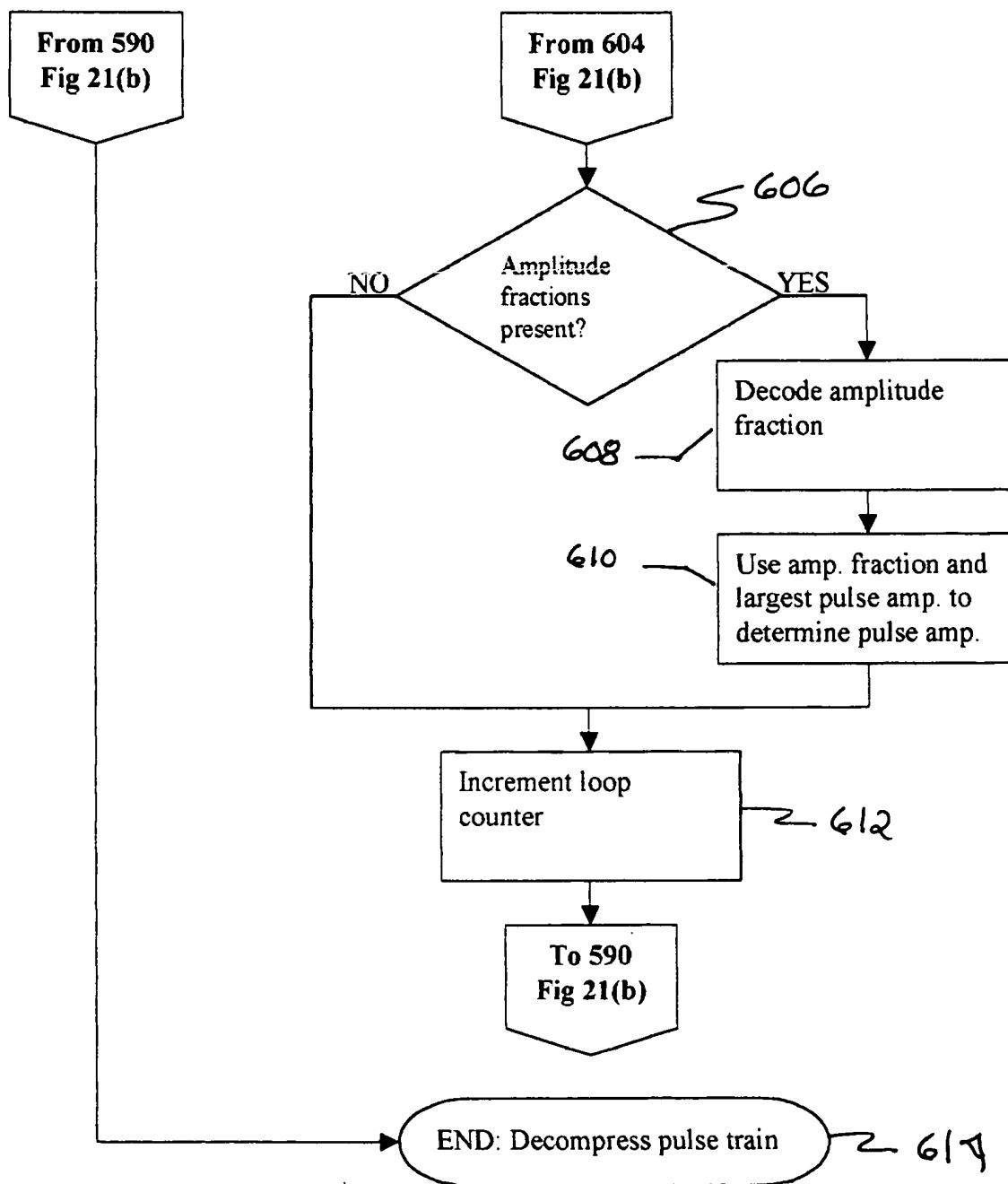


Fig 21(c)

SCANNED, # 14

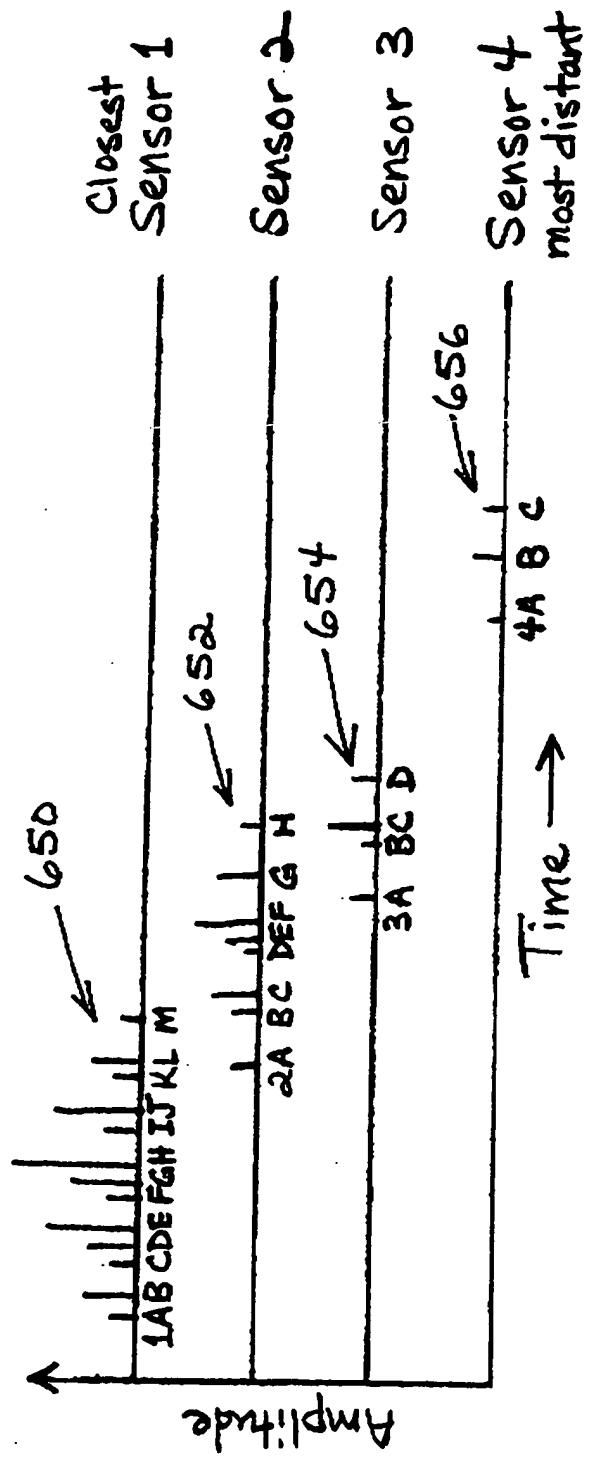


FIG. 22

SENSOR1	SENSOR2	SENSOR3	SENSOR4
1 H	2 F	3 C	4 B
1 J	2 C	3 D	4 C
1 E	2 C	3 A	4 A
1 G	2 E	3 B	
1 B	2 A		
1 L	2 H		
1 D	2 B		
1 F	2 D		
1 A			
1 C			
1 I			
1 K			
1 M			

FIGURE 23

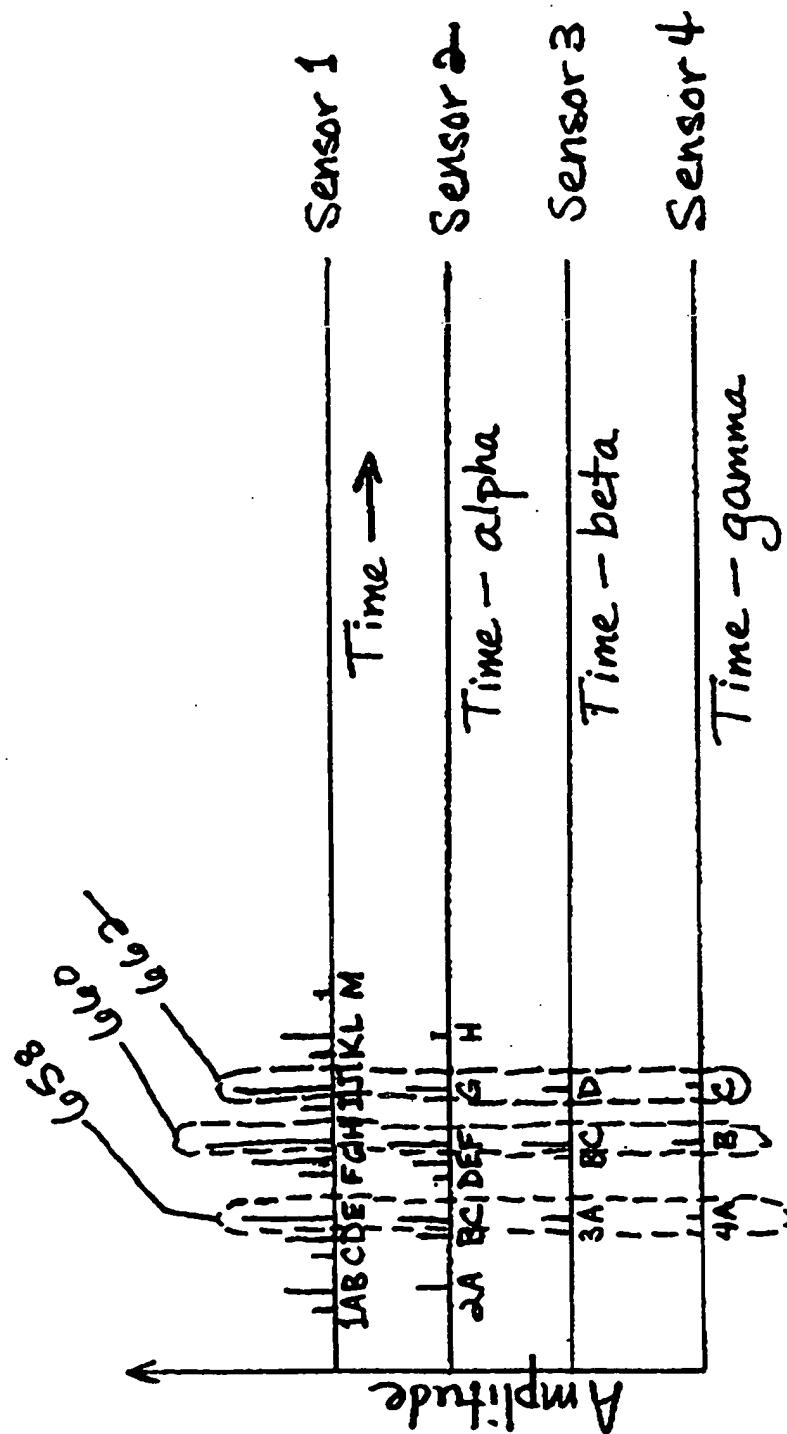


FIG. 24